Andersen Consulting

Change History Log:

August 25, 2000
Department Of Education
Student Financial Assistance
Carol Seifert
Contracts Office Technical Representative

Subject: Contract # ED-99-DO-0002
           Task Order # 21.1 Data Warehouse Implementation Strategy
           Deliverable 21.1.2: Enterprise Conceptual Logical Data Model

Enclosed is the Enterprise Conceptual Logical Data Model. Attached are suggested changes from the reviewers. Future revisions are not planned, but the document will be updated as appropriate.

Suggested Changes/Comments	Page	Author	Date	Change Made Y/N	Comment
All acronyms should be spelled out first and then put in parentheses.	1	Frank Ramos, Financial Partners Channel	8/22/00	Y	The CDS Data Mart was renamed "Delinquent Loan Data Mart."
It appears that the scope of the CDS Data Mart is limited to delinquent borrowers. This information would be useful as it relates to all borrowers.	4-9	Linda Paulsen, CFO	8/22/00	N	The scope of the CFO Data Mart is limited to generating the Delinquent Loan reports currently produced by CDS.
All references to "FARS" should be changed to "FMSS". This term is better understood in the CFO office.	15-18	Russ Young, CFO	8/22/00	Y	All references to the Department of Education's financial management system were changed from "FARS" to "FMSS".
The document does not include any discussion of the TAP (Transaction Awaiting Posting) table.	15-18	Russ Young, CFO	8/22/00	Y	Figure 3 on page 11 now lists the TAPS file as one of the sources for the data mart.
The first paragraph on page 11 gives the impression that the data mart design in this document meets the CFO office's long term needs. It does not.	11	Linda Paulsen, CFO	8/22/00	Y	This paragraph was re-written to clarify the fact that the initial version of the CFO Data Mart is only designed to meet the department's immediate reporting needs. In the future, the data mart needs to be expanded to meet CFO's broader reporting and analysis needs.
The "Reference" attribute should be included in the Document dimension, not "Reference Doc"	13	Russ Young, CFO	8/22/00	N	After closer review of this dimension Russ Young agreed that the current version of the logical data model includes the correct attributes.
"Transaction Date" and "Posted Date" should be included in the list of dimensions on page 13.	13	Russ Young, CFO	8/22/00	N	The "Transaction Date" is included, but it is called "Calendar Date". "Posted Date" is not included in this model, but it has since been added to the current

					version of the logical data model.
The first sentence in the first paragraph states "Three business requirements drive the creation of the CFO Data Mart". This is incorrect.	15	Frank Ramos, Financial Partners Channel	8/22/00	Y	There are actually two requirements driving the creation of the data mart. Guaranty agency solvency analysis is simply a component of risk modeling.
SFA FMS will meet most of our report requirements.	15	Frank Ramos, Financial Partners Channel	8/22/00	N	It's true that SFA FMS will meet most of the report & query requirements surrounding Guarantee Agency, and eventually Lender financial reports. However, the FPC Data Mart will combine data from a variety of systems and provide self-serve analysis of the combined data via the web.
In reference to the "Subject Oriented Logical Data Model", specific FPC data mart requirements have not been identified.	15	Frank Ramos, Financial Partners Channel	8/22/00	Y	The Risk Modeling requirement drives the design of the logical data model. The details surrounding how to do risk modeling are still being investigated. The sentence "A broad range of FPC Data Mart requirements has been identified" was removed to clarify the fact that a single requirement drives the logical model design.
FFEL – Clarify the fact that ED Forms 799, 1130, and 1189 will be replaced, and the new forms will be processed in SFA FMS.	17	Frank Ramos, Financial Partners Channel	8/22/00	Y	The FFEL section on page 17 was re-written to reflect this fact.
SFA Oracle Financial Management System – Why should the SFA Data Mart extract data from SFA FMS to support risk modeling and ad hoc reporting? Won't SFA FMS be capable of satisfying these requirements	18	Frank Ramos, Financial Partners Channel	8/22/00	Y	The FPC risk models will be based on data from multiple SFA systems. The FPC Data Mart repository is the place where this data will be collected and organized. SFA FMS cannot serve this function because it only contains accounting data.